Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Fremont WY-1



STATUS – This portion of the project is under construction. Please refer to Section II for more details on the status of the network deployment.

FREMONT WY-1 (T56013000300) 3G HSPA+

This project is around the Southeast portion of Fremont County, with no identifiable major communities, just small towns such as Atlantic City and Jeffery City. We have five identified overlay sites and expect to be able to fill in the remaining areas with 1 new tower site that is planned on BLM land.

TYPE OF BACKHAUL – Given the remote nature of sites in and around Wyoming, Union Wireless is using licensed microwave wherever feasible and unlicensed microwave if no available licenses are capable of being obtained. We are targeting at least 25 Mbps of IP backhaul to each cell tower.

SPECTRUM – In this market, we are using a combination of 850 MHz and 1900 MHz to ensure we stay within current CGSA boundaries. All 850 MHz sites fall within existing CGSA boundaries and do not affect existing Union filings, as the intention is to keep GSM fully operational alongside UMTS. The sole future site within this tract actually falls within the overlying contour of several existing sites but since there would be the potential to expand our existing contour, our plan is to bring the site up on 1900 MHz and if at all possible, file an extension to our current CGSA boundary to allow as many sectors to move to 850 MHz upon approval of such extension.

KEY RISKS OR CHALLENGES – The largest risk is unknown aspects of terrain in the region and the ability to get coverage into some of the shadowed areas. This was one reason why HSPA+ technology was selected over LTE, given the much more clear understanding on how to operate and optimize this type of network. HSPA+ has also been chosen in order to ensure data speeds meet or exceed the requirements but also that the voice aspects are also solid in the area as well.

STATUS – This portion of the project is complete.

SECTION II: \$1963 - STATUS OF THE NETWORK DEPLOYMENT PROJECT	WORK DEPLOYMENT PROJECT				
	-				
	1-				
MAKESTONE MET: DESIGN START: DATE AUTHORIZED TO RECEIVE SUPPORT:	•				
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NETWORK MAINTENANCE					тостинунан даминоо

[°] Študy Area Code: 518003

Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Fremont WY-1



PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

Overlay Sites

- 5 each
 - New hardware Required
 - o New Node B Base Station gear \$60,000 each
 - New Microwave gear for IP Backhaul \$70,000 each
 - O Upgrades to tower antenna complex \$20,000 each
 - o Labor to related projects \$50,000 each

Each overlay site estimated at \$200,000 cost each, total \$1,000,000 capital contribution

New Sites

- 1 each
 - o New hardware Required
 - o Tower installation
 - Leasing, zoning, permitting costs \$65,000 each
 - Tower site construction \$75,000 each
 - Tower Steel \$45,000 each
 - Lines, antennas, generators \$50,000 each
 - o New Node B Base Station gear \$60,000 each
 - o New Microwave gear for IP Backhaul \$50,000 each
 - O Upgrades to tower antenna complex \$5,000 each
 - o Labor to related projects \$50,000 each

Each overlay site estimated at \$400,000 cost each, for a \$400,000 total capital contribution for new sites.

Other related projects include roughly 1 microwave hop to upgrade in order to accommodate this area, which will be roughly \$150,000.

This totals roughly \$1.55 million in capital costs related to the build out.

Union is projecting incremental operating expenses for this site over 5 years to be \$2.34 million.

Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: creno@unionwireless.com Carrier Reference Name: Fremont WY-1



BUDGET STATUS –

Core Network and Middle Mile Backhaul Upgrades:

\$1,246,843.42

Fremont WY-1 3G HSPA+:

\$500,080.51

Total Support Applied to Design/Construction/Deployment:

\$1,746,923.93 – OVER BUDGET

Total Support Applied to Maintenance:

\$349,200.00 - ON BUDGET

g Szwaligely			1972 A. A. A. C.
Mobility Phase 1	Fund -§54,1009 Annual Reporting		FCC Form Approved by OMB OMB 3060-1185
Data Col	lection Form		Avg. Burden Estimate per Respondent: 18 Hours
<010>	Study Area Code	518004	Accepted / F.
<015>	Study Area Name	Union Telephone Company	Accepted / Filed
<020>	Program Year	2016	- 1 ZU16
<030>	Contact Name: Person USAC should contact with questions about this data	Todd Slamowitz	Federal Communications Commission Office of the Secretary
<035>	Contact Telephone Number: Number of the person identified in data line <030>	7035848678 ext.	
<039>	Contact Email: Email of the person identified in data line <030>	tslamowitz@fcclaw.com	
<040>	Has the information required pursuant to §54.1009	been provided with a Form 481 filing (Y/N	1 <040> •
	<041> Attach a description of the documents fil	ed with the Form 481 reporting	<041> Line 041-Union.pdf
	<042> Cite the Study Area Code (SAC) for the Fo	orm 481 reporting	<042> 519905
<080>	Tribal Lands Reporting (y/n?) (Does this study area cov	er tribal lands? Yes or No)	\bigcirc \odot

Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements) Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

(050) Car	rier Contact Form	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 2 of 8
<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding	
<035> <039>	Contact Telephone Number - Number of person identi	
10332	Contact Email Address - Email Address of person ident	TIED IN DATA HINE <usu> tslamowitz@fcclaw.com</usu>
Reporting	Carrier / Mobility Fund Phase 1 Winning Bidder	
<110>	FCC Registration Number	1630201
<111>	Filing Carrier Name	UNION TELEPHONE COMPANY
<112>	Winning Bidder Carrier Name	UNION TELEPHONE COMPANY
<113>	Street Address (or PO Box)	PO BOX 160
<114>	City	MOUNTAIN VIEW
<115>	State	
<116>	Zip-Code	WY
<117>	Telephone Number	82939
<118>	Fax Number	3077826131 ext.
<119>	Email Address	3077826913
12131	Endi Address	CRENO@UNIONWIRELESS.COM
<pre><120> <121> <122> <122> <123> <124> <125> <126> <127></pre>	formation if same as above, indicate in this box Name (First, MI, Last, Suffix) Filing Carrier Name Street Address (or PO Box) City State Zip-Code Telephone Number Fax Number	CHRIS RENO UNION TELEPHONE COMPANY PO_BOX_160 MOUNTAIN VIEW WY 82939 3077826131 ext.
		3077826913
<128> Authorized	Email Address Agent Information	CRENO@UNIONWIRELESS.COM
	if no agent, indicate in this box	
<130>	Name (First, MI, Last, Suffix)	Todd Slamowitz
<131>	Company	Lukas, Nace, Gutierrez & Sachs, LLP
<132>	Street Address (or PO Box)	8300 Greensboro Drive, Suite 1200
<133>	City	McLean
<134>	State	VA
<135>	7:- C- J-	22102
<136>	- 1 1 · · · · ·	7035848678 ext.
<137>	Fav Number	7035848696
	Empli Address	tslamowitz@fcclaw.com

(060) Coverage and Performance Report	FCC Form 690
	Ap proved by OMB
	OMB Control No. 3060-1185 Page 3 of 8

<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
<035>	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com
<140>	Coverage and Performance Report Year 06/2015 - 06/2016	

518004-Coverage Files.zip, 060 Coverage and Performance Report.zip

Coverage and Performace attachments

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	_ <c1></c1>	<c2></c2>	<c3></c3>	<d>></d>
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				Resident	Total Resident		Census	covered	Performance d
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Percentage of Total
Population Reached by
Service

Percentage of Total
Road Miles covered
by Service

(070) Urban Rate Comparability Certification Compliance		FCC Form 690
	The state of the s	FUC POINT 090
		Approved by OMB
		OMB Control No. 3060-1185
	The state of the s	
		Page 4 of 8

<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
<035>	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

Certification of Officer or Employee as to Compliance with 47 CFR §54.1009(a)(4) I certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate. Name of Reporting Carrier: CERTIFIED ONLINE Signature of Authorized Officer: Date 07/01/2016 Chris Reno Printed name of Authorized Officer: Director of Accounting Title or position of Authorized Officer: 3077826131 ext. Telephone number of Authorized Officer: Study Area Code of Reporting Carrier: Filing Due Date for this form: Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

		is authorized to submit the information reported on behalf of the report sponsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to
authorized agent; and, to the best o	f my knowledge, the reports and data provided	to the authorized agent is accurate.
Name of Authorized Agent:	Lukas, Nace, Gutierrez & Sachs,	LLP
Name of Reporting Carrier:	Union Telephone Company	
Signature of Authorized Officer or En	ployee:	Date:
Printed name of Authorized Officer o	r Employee:	
Title or position of Authorized Officer	or Employee:	
Telephone number of Authorized Off	icer or Employee:	
Study Area Code of Reporting Carrier	: 518004 F	ling Due Date for this form: 07/01/2016

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized	to File Compliance with 47 C	FR §54.1009(a)	(4) on Behalf of F	Reporting Carrier
, as agent for the reporting carrier, certify that I am authorized	to submit the certification on be	half of the reporti	ng carrier: I have pr	ovided the data reported herein based o
data provided by the reporting carrier; and, to the best of my k	nowledge, the information report	ted herein is accur	ate.	
Jame of Reporting Carrier: Ur	nion Telephone Company			
lame of Authorized Agent Firm:	ıkas, Nace, Gutierrez & Sach	s, LLP		
ignature of Authorized Agent or Employee of Agent:				Date: 06/29/2016
ame of Authorized Agent Employee:	Todd Slamowitz			
itle or position of Authorized Agent or Employee of Agent	FCC Legal Counsel			
elephone number of Authorized Agent or Employee of Agent:	7035848678 ext.			
tudy Area Code of Reporting Carrier: 518004	Filing Due Da	te for this form:	07/01/2016	

080) Triba	al Lands Reporting			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 5 of 8
<010>	Study Area Code		518004	
<015>	Study Area Name		Union Telephone Company	
<020>	Program Year		2016	
<030>	Contact Name - Person USAC should contact regarding	this data	Todd Slamowitz	
<035>	Contact Telephone Number - Number of person identif	ied in data line <030>	7035848678 ext.	
<039>	Contact Email Address - Email Address of person identif	fied in data line <030>	tslamowitz@fcclaw.com	
<142> <143>	County			
<144>	Tribal Land(s) on which ETC Serves			
<145>	Tribal Government Engagement Obligation	Name of Attached Docume	nt (.pdf)	

Select

If your company serves Tribal lands, please select (Yes, No, Not Applicable) for each of these boxes to confirm the status described on the attached PDF, on line 145, demonstrates coordination with the Tribal government pursuant to § 54.1004 includes:

		(Yes, No, Not Applicable)
<146>	Needs assessment and deployment planning with a focus on Tribal community anchor institutions;	
<147>	Feasibility and sustainability planning;	
<148>	Marketing services in a culturally sensitive manner;	,
<149>	Compliance with Rights of way processes	
<150>	Compliance with Land Use permitting requirements	
<151>	Compliance with Facilities Siting rules	
<152>	Compliance with Environmental Review processes	
<153>	Compliance with Cultural Preservation review processes	
<154>	Compliance with Tribal Business and Licensing requirements.	

(090) Projec	t Update Information	FCC Form 690 Approved by OMB
		OMB Control No. 3060-1185 Page 6 of 8
<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
<035>	Contact Telephone Number - Number of person identified in data line <030>	
<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com
<200>	Date Authorized to Receive Support	07/29/2013
<201>	Targeted Completion Date	07/30/2015
<202>	Total Mobility Fund Support Awarded	2720870
<203>	Total Mobility Fund Support Disbursed	906956.67
<210> <211>	Actual Completion Date Project Status Description (attached)	07/29/2015 518004_Fremont WY-2_PSD.pdf
<212><213><214><215><215><216><217>	Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate. Status of Network Deployment - Network Design Status of Network Deployment - Construction Status of Network Deployment - Deployment Status of Network Deployment - Maintenance Project Budget Status Project Plan Status	{Name of PDF attached}
<218>	Network will Support 3G/4G Mobile Service ?	3G

(101) Certification - Reporting Carrier		FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 7 of 8
<010> Study Area Code	518004	

<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
<035>	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients

I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.

Name of Reporting Carrier:

Signature of Authorized Officer:

CERTIFIED ONLINE

Date 07/01/2016

Printed name of Authorized Officer:

Chris Reno

Title or position of Authorized Officer:

Director of Accounting

Telephone number of Authorized Officer:

3077826131 ext.

Study Area Code of Reporting Carrier:

Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

(102) Certification - Agent / Carrier		FCC Form 690 Approved by OMB OMB Control No. 3060-1185
		Page 8 of 8

<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

I certify that (Name of Agent) Lukas, Nace, Gutierrez & Sachs, LLP also certify that I am an officer of the reporting carrier; my responsibilities includagent; and, to the best of my knowledge, the reports and data provided to the au	is authorized to submit the information reported on behalf of the reporting carrier. e ensuring the accuracy of the data reporting requirements provided to the authorized thorized agent is accurate.
Name of Authorized Agent: Lukas, Nace, Gutierrez & Sachs, LLP	
Name of Reporting Carrier: Union Telephone Company	
Signature of Authorized Officer:	Date:
Printed name of Authorized Officer:	
Title or position of Authorized Officer:	
Telephone number of Authorized Officer:	
Study Area Code of Reporting Carrier: 518004 Filin	g Due Date for this form: 07/01/2016

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Ago	ent Authorized to File for Mobility Fund Recipients on E	Behalf of Reporting Carrier
I, as agent for the reporting carrier, certify tha reported herein based on data provided by the	t I am authorized to submit the reports for Mobility Fund recipions erporting carrier; and, to the best of my knowledge, the inform	ents on behalf of the reporting carrier; I have provided the data nation reported herein is accurate.
Name of Reporting Carrier: Union	Telephone Company	
Name of Authorized Agent Firm:	Lukas, Nace, Gutierrez & Sachs, LLP	
Signature of Authorized Agent or Employee of		Date: 06/29/2016
Name of Authorized Agent Employee:	Todd Slamowitz	
Title or position of Authorized Agent or Employ	vee of Agent FCC Legal Counsel	
Telephone number of Authorized Agent or Emp	ployee of Agent: 7035848678 ext.	
	Filing Due Date for this form:	07/01/2016

Attachments

(060) Coverage a		

FCC Form 690 Approved by OMB OMB Control No. 3060-1185

<010>	Study Area Code	518004
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
<035>	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com
<140>	Coverage and Performance Report Year	06/2015 - 06/2016

<141>

<a1></a1>	<a2></a2>	* Ka3>	*b1>	<b2></b2>	 i3>	<c1></c1>	<c2></c2>	** <c3></c3>	<d></d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
WY	Fremont	T56013000400	0	0	0	877.7	0.0	783.0	Yes
	+								
			-						
	<u> </u>								
							•		
,,,,,,,,,									
								-	
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Percentage of
Total Population
Reached by
Service

0		

Percentage of Total Road Miles covered by Service

89		

FCC Form 690

Mobility Fund Phase 1 – § 54.1009 Annual Reporting

Line 041: Description of documents filed with Form 481

The documents filed with FCC Form 481in its Annual Report include:

- Unfulfilled Service Requests (voice), if any.
- Service Quality Standards & Consumer Protection Rules Compliance.
- Functionality in Emergency Situations.
- Tribal Government Engagement Obligation.
- Voice Services Rate Comparability Certification.

FCC FORM 690

(060) COVERAGE AND PERFORMANCE REPORT

Union Telephone Company ("Union") completed the coverage/performance testing for this SAC during the reporting period. The drive test data and associated coverage files provided herein were provided in its Payment Request 3 Form 690 submitted for this SAC. Further, the covered eligible road miles per census block set forth in Line 141 herein is the same covered eligible road miles per census block reported in its Payment Request 3 Form 690 submitted for this SAC.

Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Fremont WY-2



PROJECT STATUS DESCRIPTION

SECTION I: DESCRIPTION OF OVERALL PROJECT PLAN

3G RNC/MSC/GGSN/SGSN PLUS 4G EPC

In order to launch this system, the necessary 3G and 4G core network needed to be completed and turned operational. This system totals roughly \$3.4 million in network core equipment, which will be shared across all 6 census tracts granted funding to Union Telephone Company in the FCC 901 Mobility Fund.

The core is located in Cheyenne, Wyoming and is fed via dual OC12 networks, giving full redundancy and capacity to support all tower sites related to this project and other network growth on the Union Wireless network. Additional OC12's are already planned as demand increases and also to provide carrier diversity in case of an outage on one particular carriers' network.

STATUS – This portion of the project is complete. Please refer to Section II for more details on the status of the network deployment.

• MIDDLE MILE BACKHAUL

In addition, Union is upgrading its middle mile capabilities in key sections of Wyoming that will allow adequate backhaul facilities to its new 3G and 4G network core.

The first of these upgrades is located in Carbon County, WY between the towns of Hanna and Saratoga. This project connects two new service providers and allow connectivity into several key remote offices within Union Telephone Company's network.

STATUS – This portion of the project is complete. Please refer to Section II for more details on the status of the network deployment.

The second middle mile upgrade was determined to be necessary after 3G/4G deployments in and around the FCC Mobility Fund Phase I deployments starting becoming accessible to consumers. The steep uptake in data services required further upgrades from Rawlins north to the towns of Casper and Riverton to maintain the long-term data speed requirements across all six census tracts as required by fund.

Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Fremont WY-2



STATUS – This portion of the project is under construction. Please refer to Section II for more details on the status of the network deployment.

FREMONT WY-2 (T56013000400) 3G HSPA+

This project consists of two overlays on Union Telephone facilities, and one new tower on private lands.

TYPE OF BACKHAUL – Union Telephone Company is utilizing leased services when available. We are also using licensed microwave wherever necessary and unlicensed microwave if no available licenses are capable of being obtained. We are targeting at least 25 Mbps of IP backhaul to each cell tower.

SPECTRUM – In this market, we are using 850 MHz Spectrum. All 850 MHz sites fall within existing CGSA boundaries and Union do not affect existing filings, as the intention is to keep GSM fully operational alongside UMTS.

KEY RISKS OR CHALLENGES – The largest risk is unknown aspects of terrain in the region and the ability to get coverage into some of the shadowed areas. This was one reason why HSPA+ technology was selected over LTE, given the much more clear understanding on how to operate and optimize this type of network. HSPA+ has also been chosen in order to ensure data speeds meet or exceed the requirements but also that the voice aspects are also solid in the area as well.

STATUS – This portion of the project is complete.

SECTION II: SIMM - STATUS OF THE NETWORK DEPLOYMENT PROJECT	TWORK DEPLOYMENT PROJECT				
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NETWORK MANTENANCE					CONTINUED THROUGH 2017

Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: creno@unionwireless.com Carrier Reference Name: Fremont WY-2



PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

Overlay Sites

- 2 each
 - o New hardware Required
 - o New Node B Base Station gear \$60,000 each
 - o New Microwave gear for IP Backhaul \$150,000 each
 - o Upgrades to tower antenna complex \$20,000 each
 - o Labor to related projects \$70,000 each

Each overlay site estimated at \$300,000 cost each, total \$600,000 capital contribution

New Sites

- 1 each
 - o New hardware Required
 - o Tower installation
 - Leasing, zoning, permitting costs \$65,000 each
 - Tower site construction \$75,000 each
 - Tower Steel \$45,000 each
 - Lines, antennas, generators \$50,000 each
 - New Node B Base Station gear \$60,000 each
 - o New Microwave gear for IP Backhaul \$50,000 each
 - O Upgrades to tower antenna complex \$5,000 each
 - o Labor to related projects \$50,000 each

Each overlay site estimated at \$400,000 cost each, for a \$400,000 total capital contribution for new sites. This totals roughly \$1 million in capital costs related to the build out.

Union is projecting incremental operating expenses for this site over 5 years to be \$1.56 million.

Study Area Name: Fremont, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Fremont WY-2



BUDGET STATUS -

Core Network and Middle Mile Backhaul Upgrades:

\$1,246,843.42

Fremont WY-2 3G HSPA+:

\$649,064.23

Total Support Applied to Design/Construction/Deployment:

\$1,895,907.65 - OVER BUDGET

Total Support Applied to Maintenance:

\$174,600.00 – ON BUDGET

MANY NAMED IN	Fund - 954.1009 Annual Reporting lection Form		FCC Form Approved by OMB OMB 3060-1185 Avg. Burden Estimate per Respondent: 18 Hours
<010>	Study Area Code	518005	_
<015>	Study Area Name	Union Telephone Company	Accepted / Filed
<020>	Program Year	2016	
<030>	Contact Name: Person USAC should contact with questions about this data	Todd Slamowitz	Federal Communications Commission Office of the Secretary
<035>	Contact Telephone Number: Number of the person identified in data line <030>	7035848678 ext.	Office of the Secretary
<039>	Contact Email: Email of the person identified in data line <030>	tslamowitz@fcclaw.com	
<040>	Has the information required pursuant to §54.1009 <041> Attach a description of the documents file		<040>
	<042> Cite the Study Area Code (SAC) for the Fo	rm 481 reporting	<042> 519905
<080>	Tribal Lands Reporting (y/n?) (Does this study area cover	r tribal lands? Yes or No)	• •

Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements) Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

(050) Carr	ier Contact Form	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 2 of 8
<010>	Study Area Code	518005
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding	
<035>	Contact Telephone Number - Number of person identif	Stad to deep line 1020
<039> Reporting	Carrier / Mobility Fund Phase 1 Winning Bidder	Tied in data line <u3u> tslamowitz@fcclaw.com</u3u>
<110>	FCC Registration Number	1630201
<111>	Filing Carrier Name	UNION TELEPHONE COMPANY
<112>	Winning Bidder Carrier Name	UNION TELEPHONE COMPANY
<113>	Street Address (or PO Box)	PO BOX 160
		MOUNTAIN VIEW
<114>	City	
<115>	State	WY
<116>	Zip-Code	82939
<117>	Telephone Number	3077826131 ext.
<118>	Fax Number	3077826913
<119>	Email Address	CRENO@UNIONWIRELESS.COM
<pre><120> <121> <122> <123> <124> <125> <126> <127> <126> <127> <127> <128></pre>	formation if same as above, indicate in this box Name (First, MI, Last, Suffix) Filing Carrier Name Street Address (or PO Box) City State Zip-Code Telephone Number Fax Number Email Address	CHRIS RENO UNION TELEPHONE COMPANY PO ROX 160 MOUNTAIN VIEW WY 82939 3077826131 ext. 3077826913 CRENO@UNIONWIRELESS.COM
<pre>4130> <131> <132> <133> <134> <135> <136> </pre>	d Agent Information if no agent, indicate in this box Name (First, MI, Last, Suffix) Company Street Address (or PO Box) City State Zip-Code Telephone Number	Todd Slamowitz Lukas, Nace, Gutierrez & Sachs, LLP 8300 Greensboro Drive, Suite 1200 McLean VA 22102 7035848678 ext.
<137>	Fax Number	7035848696
<138>	Email Address	tslamowitz@fcclaw.com
-1302	Littor (Add C55	

(060) Co	verage and Performance Report		FCC Form 690 Ap proved by OMB OMB Control No. 3060-1185 Page 3 of 8
<010>	Study Area Code	518005	
<015>	Study Area Name	Union Telephone Company	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz	
<035>	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com	
<140>	Coverage and Performance Report Year 06/2015 - 06/2016		
	060 Coveraç	ge and Performance Report.zip	

Coverage and Performace attachments

<141> <a2> <a3> <b1> <b2> <b3> <c1> <c2> <c3> Total Road Road Certify that Miles per Miles Road Coverage and Resident Total Resident Miles Census covered Performance data Resident Population Population per Block per is uploaded Population per Newly Reached Reached by Census Newly Census (Yes/no) State County Census Block Census Block by Service Service Block Reached Block -- See attached worksheet Percentage of Total Percentage of Total Population Reached by Road Miles covered Service by Service

(070) Urban Rate Comparability Certifi	ication Compliance	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 4 of 8
<010> Study Area Code	518005	

<015> Study Area Name <020> Program Year <030> Contact Name - Person USAC should contact regarding this data <035> Contact Telephone Number - Number of person identified in data line <030> <039> Contact Email Address - Email Address of person identified in data line <030> tslamowitz tslamowitz@fcclaw.com tslamowitz@fcclaw.com	<010>	Study Area Code	518005
<030> Contact Name - Person USAC should contact regarding this data <035> Contact Telephone Number - Number of person identified in data line <030> 7035848678 ext.	<015>	Study Area Name	Union Telephone Company
<035> Contact Telephone Number - Number of person identified in data line <030> 7035848678 ext.	<020>	Program Year	2016
<035> Contact Telephone Number - Number of person identified in data line <030> 7035848678 ext.	<030>	Contact Name - Person USAC should contact regarding this data	Todd Slamowitz
<039> Contact Email Address - Email Address of person identified in data line <030> tslamowitz@fcclaw.com	<035>	Contact Telephone Number - Number of person identified in data line <030>	7035848678 ext.
	<039>	Contact Email Address - Email Address of person identified in data line <030>	tslamowitz@fcclaw.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

	Certification of Officer or Employee as to Compliance				
certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this orm and in any attachments is accurate.					
Name of Reporting Carrier:					
Signature of Authorized Officer:	CERTIFIED ONLINE	Date 07/01/2016			
Printed name of Authorized Officer:	Chris Reno				
Title or position of Authorized Officer:	Director of Accounting				
Telephone number of Authorized Officer:	3077826131 ext.				
Study Area Code of Reporting Carrier:	Filing Due Date for thi	in form.			

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to authorize an Agent to	o file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier
Lukas, Nace, Gutierrez & Sachs, LLP	is authorized to submit the information reported on behalf of the reporting
Name of Authorized Agent: Lukas, Nace, Gutierrez & Sac	
Name of Reporting Carrier: Union Telephone Company	
Signature of Authorized Officer or Employee:	Data
Printed name of Authorized Officer or Employee:	Date:
Title or position of Authorized Officer or Employee:	
Telephone number of Authorized Officer or Employee:	
Study Area Code of Reporting Carrier: 518005	Filing Due Date for this form: 07/01/2016
Persons willfully making false statements on this form can be punished by fine or under Title 18 of the	forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment e United States Code, 18 U.S.C. § 1001.

TO BE COMPLETED BY THE AUTHORIZED AGENT:

	ed to File Compliance with 47 CFR §54.1			
l, as agent for the reporting carrier, certify that I am authori data provided by the reporting carrier; and, to the best of m	zed to submit the certification on behalf of the ly knowledge, the information reported herein	reporti	ing carrier; I ha rate.	we provided the data reported herein based or
Name of Reporting Carrier:	Union Telephone Company			
Name of Authorized Agent Firm:	Lukas, Nace, Gutierrez & Sachs, LLP			
signature of Authorized Agent or Employee of Agent:	address a dacha, him			Date: 06/30/2016
Name of Authorized Agent Employee:	Todd Slamowitz			Date: 00/30/2010
itle or position of Authorized Agent or Employee of Agent	FCC Legal Counsel			
elephone number of Authorized Agent or Employee of Agen	t: 7035848678 ext.	·		
tudy Area Code of Reporting Carrier: 518005	Filing Due Date for this	form:	07/01/2016	